



South Coast Air Quality Management District

Engineering & Compliance

*Policies &
Procedures*

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING DIVISION

MEMORANDUM

DATE: February 7, 1992
TO: Engineering Staff
FROM: Nick Nikkila /s/ Nick
SUBJECT: Updated Procedures For Preparing Risk Assessments to Comply with Air Toxics Rules of the South Coast Air Quality Management District

Attached is a copy of an updated Procedures For Preparing Risk Assessment to Comply with Air Toxics Rules of the South Coast Air Quality Management District (Version 1.5, January 1992) prepared by the Office of Planning and Rules. Procedures outlined in this updated version should be used to perform risk assessments for applications for which an evaluation has not been completed.

The following is a description of the major changes made to this new version:

1. Recent amendments to Rule 212 are reflected in this version. As a result, the lists of regulated compounds have been reconciled to include all compounds regulated under Rule 1401.
2. Unit Risk Factors for five (5) compounds have been changed. The compounds, the old and the new factors are listed below:

<u>Compound</u>	<u>Old Factor</u>	<u>New Factor</u>
Benzene	5.3×10^{-5}	2.9×10^{-5}
Cadmium	1.2×10^{-2}	4.2×10^{-3}
Hexavalent chromium	1.5×10^{-1}	1.4×10^{-1}
Ethylene dibromide	7.2×10^{-5}	7.1×10^{-5}
Nickel, Refinery dust	2.4×10^{-4}	2.6×10^{-4}
Nickel, Sulfide	4.8×10^{-4}	2.6×10^{-4}

3. Multipathway adjustment factors (MP) listed under Table 4 (previously Table 5) have been updated. Factors for arsenic and chlorinated dioxins and dibenzofurans (TCDD) have been changed. New factors for polynuclear aromatic hydrocarbons (PAHs) have been added.

<u>Compound</u>	<u>Old Factor</u>	<u>New Factor</u>
Arsenic	3.4	3.3
TCDD	5.6	5.7
PAH's	(none)	4.0

Questions regarding Rules 1401 and 212 may be directed to Mohsen Nazemi at extension 2662.

NN:MN:DL:screen2
attachment

THIS MEMO NO LONGER APPLIES